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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/551,547	04/18/2000	Takanobu Ihara	040373/0280	2187

22428 7590 01/05/2004

FOLEY AND LARDNER
SUITE 500
3000 K STREET NW
WASHINGTON, DC 20007

EXAMINER

GESESSE, TILAHUN

ART UNIT	PAPER NUMBER
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2684

DATE MAILED: 01/05/2004

14

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/551,547

Applicant(s)

IHARA, TAKANOBU

Examiner

Tilahun B Gesesse

Art Unit

2684

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,4 and 6-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,4 and 6-11 is/are rejected.
- 7) ☒ Claim(s) 12-28 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
- a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-2,4,6-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Arai (U.S. patent No. 5,517,551).

As to claim 1, Arai discloses a private branch exchange (101) system (figure 1) comprising: a plurality of mobile stations (109 to 114) each having a plurality of extension numbers (103 to 105) and each extension number having a different line key (118) set for said plurality of extension numbers respectively (column 2, lines 31-46, column 4, lines 11-24 and figure 1,4 and 5A-C, 7-8).

Arai discloses a base station (fixed units) wirelessly connected to the plurality of mobile stations (109-114), (figure 1).

Arai discloses an exchange station (102) for performing call control of the plurality of mobile stations through the base station (column 2, lines 31-46 and figures 1,11)

As to claim 2, Arai discloses at least one of said plurality of extension numbers set for the plurality of mobile stations is a unique extension number for each of the plurality mobile stations (column 6, lines 15-25).

As to claim 4, Arai discloses all limitations as explained in claim 1, further more, Arai discloses the plurality of mobile stations has the same extension number as that of one predetermined other mobile stations (column 6, lines 15-25).

As to claim 6, Arai discloses a plurality of mobile stations (109 to 114) each having a plurality of extension numbers (103 to 105) and each extension number having a different line key (118) set for said plurality of extension numbers respectively (column 2, lines 31-46, column 4, lines 11-24 and figure 1, 4 and 5A-C, 7-8).

As to claims 7-11, Arai discloses the plurality of mobile stations each have line buttons for setting the plurality of lines (316) (depressing speech button (S751) (figures 5A-C, 6 and 13).

Allowable Subject Matter

3. Claims 12-28 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: the prior art does teach the call control section performs call control of the plurality of mobile sections based on the direction sent from the line state control section. This limitation in conjunction with all limitations of the independent claims, have not been disclosed, taught, or made obvious over the prior art of record.

Response to Arguments

4. Applicant's arguments with respect to claims 1-2,4,6-11 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Suzuki et al (5,978,667) discloses PBX and plurality of extensions and mobile stations and private and public extension are interfacing to each other mechanism (figure 1).

Schumacher et al (5,841,854) discloses plurality of extension numbers and mobile stations are interfacing to each other (figure 1).

Mitsuo discloses PBX including extension numbers and mobile stations are interfacing each other , (abstract and figure 1).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tilahun B Gesesse whose telephone number is 703-308-5873. The examiner can normally be reached on flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on 703-308-7745. The fax phone number for the organization where this application or proceeding is assigned is 703-308-6306.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-306-0377.

TBG

December 29, 2003

Art Unit: 2684

Tilahun Beke
TILAHUN GESESSE
PATENT EXAMINER



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